

## VME Intensity Monitor - Feature #11993

Milestone # 11959 (Closed): PXIE Startup

### Pxie Provide Current

03/18/2016 04:16 PM - Roger Tokarek

<b>Status:</b>	Closed	<b>Start date:</b>	03/18/2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Roger Tokarek	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>		<b>Spent time:</b>	4.00 hours
<b>Description</b>			
Pxie requests intensity data be expressed in milliamps. Engineering will provide scaling in D80.			
current = integrated intensity/time current = intensity register/gate width			
<b>Implemented</b> in MirrTorDrv:			
<ul style="list-style-type: none"><li>• readCurrent(uint16_t adcCh)</li><li>• getGateWidth()</li></ul>			
<b>Remaining:</b>			
<ul style="list-style-type: none"><li>• Acnet accessor.</li><li>• Pxint testing.</li><li>• Merge.</li></ul>			

### History

#### #1 - 03/18/2016 04:17 PM - Roger Tokarek

- Parent task set to #11959

#### #2 - 03/20/2016 05:39 PM - Roger Tokarek

- Added class CurrentAccessor.
- Merged with master branch, pushed to origin.

**Final implementation on hold.** See use of DEVICE\_ID\_AVG\_PULSE in ACNETInterface.

#### #3 - 03/20/2016 05:41 PM - Roger Tokarek

- Subject changed from Provide Current to Pxie Provide Current

#### #4 - 08/03/2016 10:49 AM - Roger Tokarek

- Status changed from New to Closed

- % Done changed from 50 to 100